

Atty.
Dkt. No.

M#

Client Ref.

241416

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: HAIR et al

Appln. No.: 09/261221

Filing Date: March 3, 1999

Date: December 8, 2000

Page

1

of

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Examiner: Lester

Group Art Unit: 2873

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>EAL</i>	AR	4,573,606	03/1986	Lewis et al	221	2	
<i>EAL</i>	BR	4,776,487	10/1988	Kurosawa et al	221	2	
<i>EAL</i>	CR	4,869,392	09/1989	Moulding et al	221	1	
<i>EAL</i>	DR	5,201,429	04/1993	Hikosaka et al	211	59.2	
<i>EAL</i>	ER	5,207,784	05/1993	Schwartzendruber	221	6	
<i>EAL</i>	FR	5,229,749	07/1993	Yenglin	340	568.8	
<i>EAL</i>	GR	5,238,145	08/1993	Pippin	221	260	
<i>EAL</i>	HR	5,273,183	12/1993	Tuttobene	221	7	
<i>EAL</i>	IR	5,280,845	01/1994	Leight	221	2	
<i>EAL</i>	JR	5,344,043	09/1994	Moulding et al	221	71	
<i>EAL</i>	KR	5,490,610	02/1996	Pearson	221	21	
<i>EAL</i>	LR	5,813,568..	09/1998	Lowing	221	6	
<i>EAL</i>	MR	5,847,389	12/1998	Mertins et al	250	222.2	
<i>EAL</i>	NR	5,884,806	03/1999	Boyer et al	221	75	
<i>EAL</i>	OR	5,992,030	07/1999	Shank et al	42	144	
<i>EAL</i>	PR	6,064,921	05/2000	Pippin et al	700	242	

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
<i>EAL</i>	QR	EP 432996	06/1991	Europe	Hopkins et al	X		X	
	RR								
	SR								
	TR								
	UR								
	VR								

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>EAL</i>	WR	Sketch by inventors of conventional sensor							
	XR								
	YR								
	ZR								
	AAR								
	BBR								

Examiner

EAL

Date Considered:

8-26-01

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: HAIR et al.

Appln. No.: 09/261,221

Filing Date: March 3, 1999

Date: August 13, 2001

Page 1 of 1

Examiner: E. Lester

Group Art Unit: 2873

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>ELH</i>	AR 5,303,844	04/1994	Muehlberger	221	1	
<i>ELH</i>	BR 3,537,091	10/1970	Schenkenberg	377	6	
	CR					
	DR					
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	OR					
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	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
	QR							
	RR							
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	TR							
	UR							
	VR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>ELH</i>	WR	Sketch by inventors of conventional sensor						
	XR							
	YR							
	ZR							
	AAF							
	BBF							

Examiner

Date Considered: 8-26-01

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FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

Atty.
Dkt. No.

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241416

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: HAIR et al.

Appin. No. 09/261,221

Filing Date: March 3, 1999

Date: August 23, 2001

Page 1 of 1

Examiner: E. Lester

Group Art Unit: 2873

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
EL	AR 5,031,470	07/1997	Percy et al.	221	131	
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					
	OR					
	PR					

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
					Enclosed	No
	QR					
	RR					
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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	WR					
	XR					
	YR					
	ZR					
	AA					
	BB					

Examiner

Date Considered: 8-26-01

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FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

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Applicant: HAIR et al.

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Appln. No.: 09/261,221

Filing Date: March 3, 1999

Examiner: E. Lester

Group Art Unit: 2873

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date: September 7, 2001

Page

1

of

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U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>E. Lester</i>	AR 5,927,639	07/1999	Troitt et al.	221	2	
<i>E. Lester</i>	BR 5,625,198	04/1997	Chigira	250	559.27	
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
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	MR					
	NR					
	OR					
	PR					

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
<i>E. Lester</i>	QR 9-326075	12/1997	Japan	Hashimoto	X			X
<i>E. Lester</i>	RR 2-257386	10/1990	Japan	Igarishi	X			X
	SR							
	TR							
	UR							
	VR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	WR							
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	YR							
	ZR							
	AAF							
	BBF							

Examiner

Date Considered:

9-7-01

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